

FIG. 1A

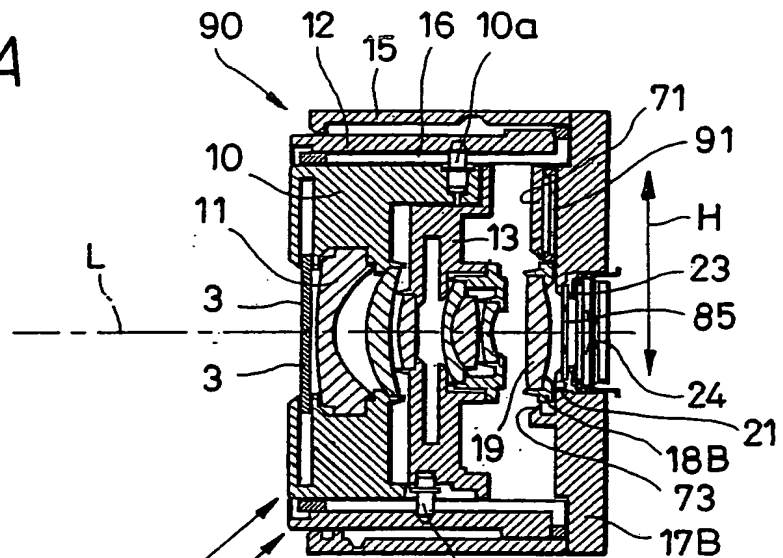


FIG. 1B

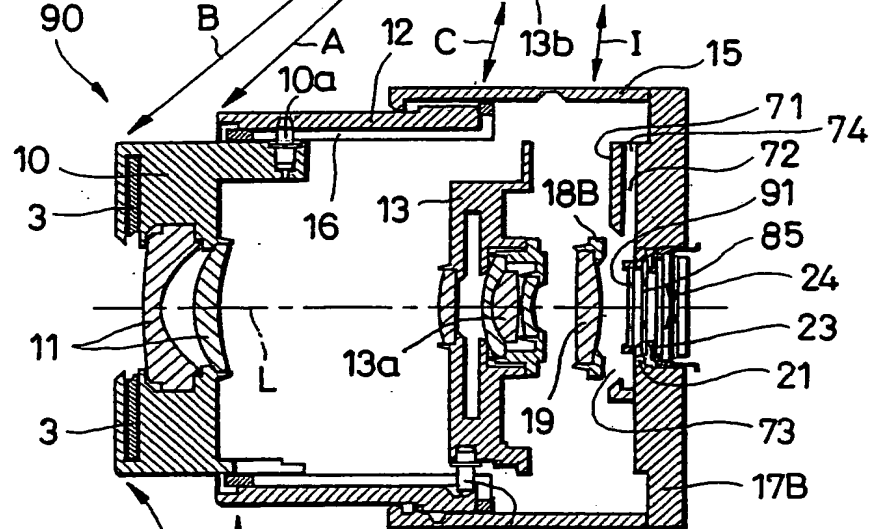


FIG. 1C

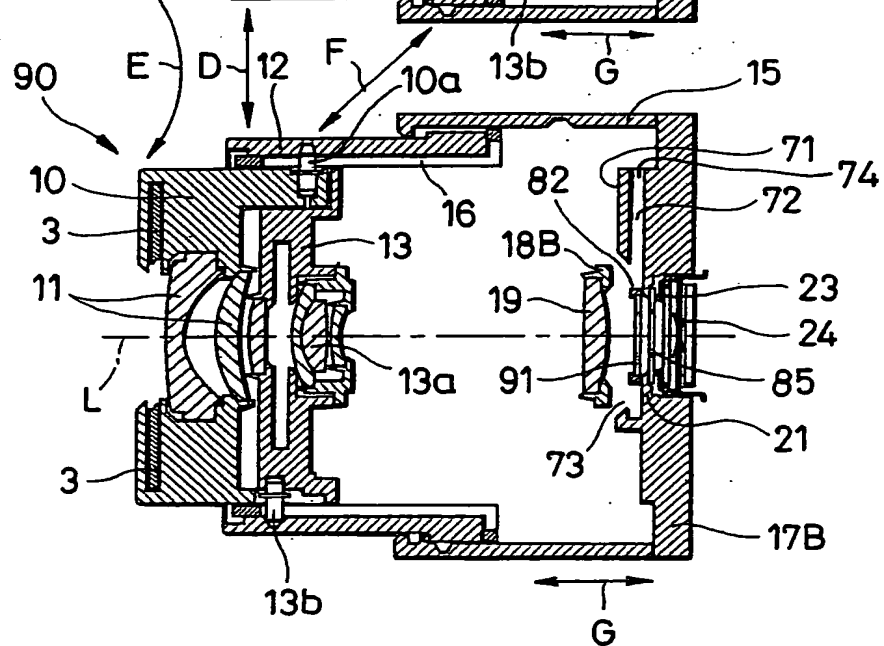


FIG. 2

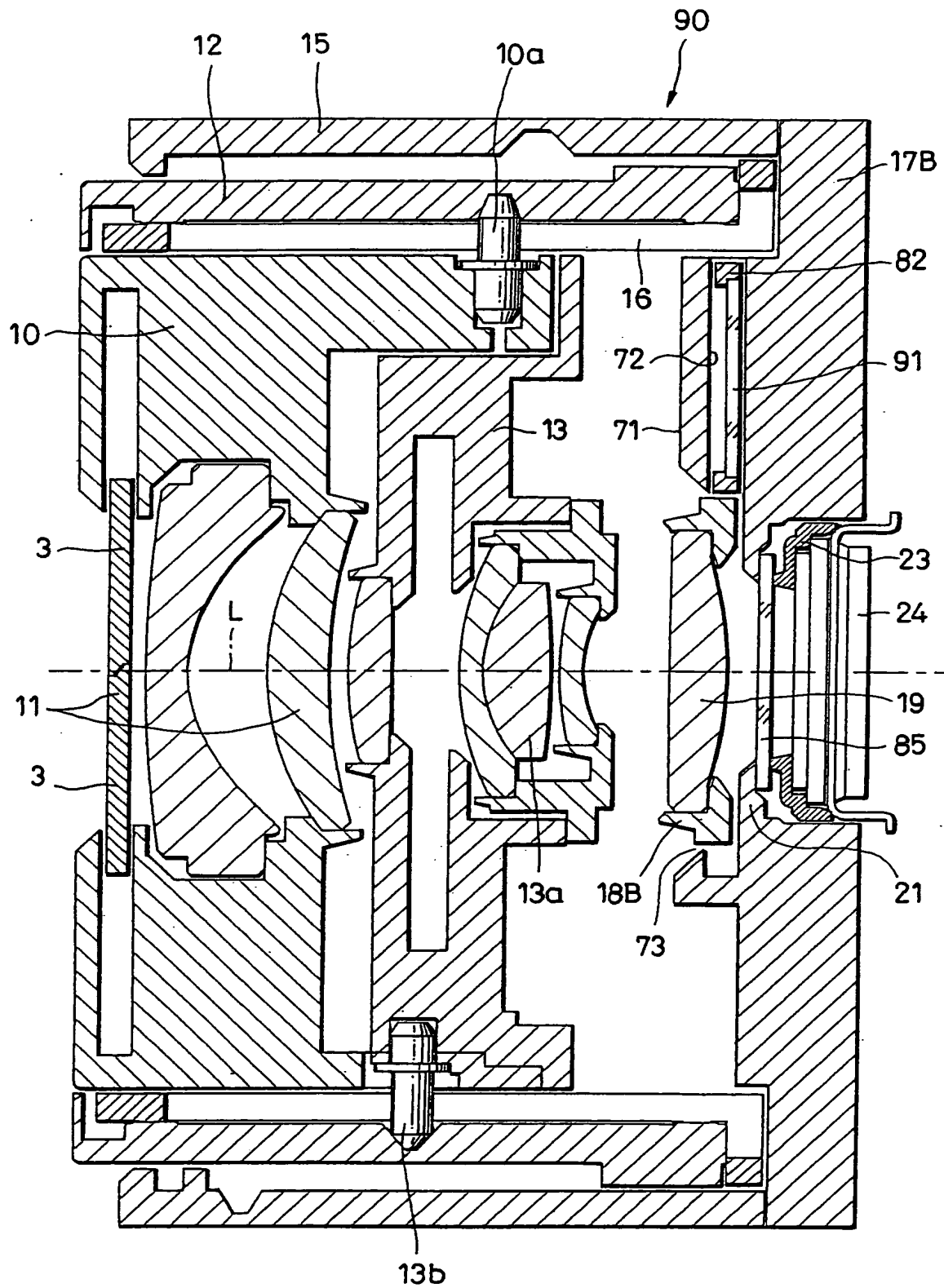


FIG. 3A

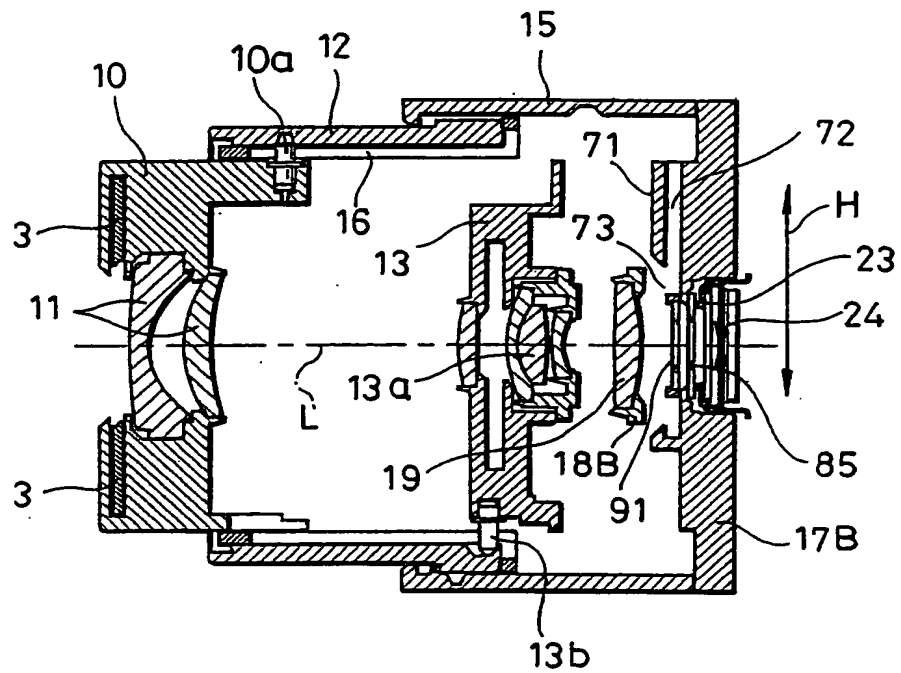


FIG. 3B

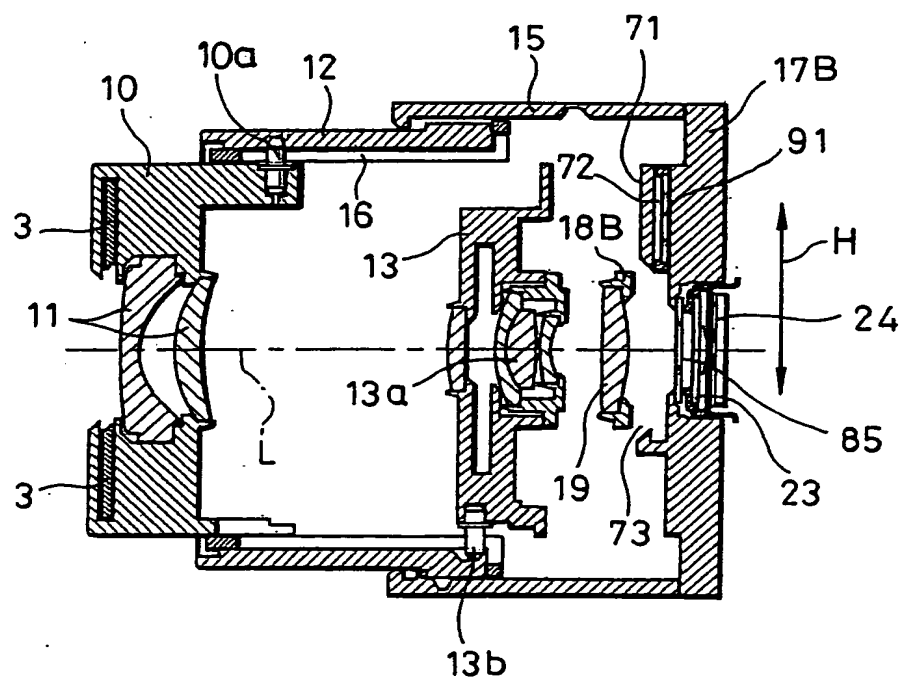


FIG. 4A

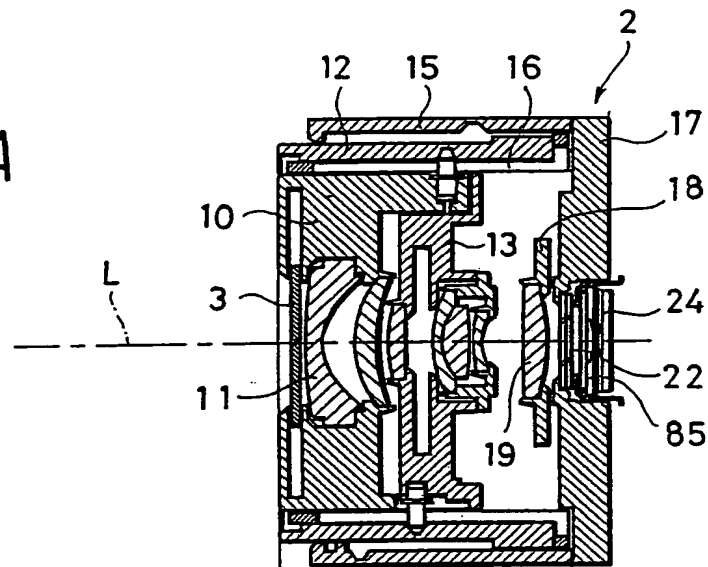


FIG. 4B

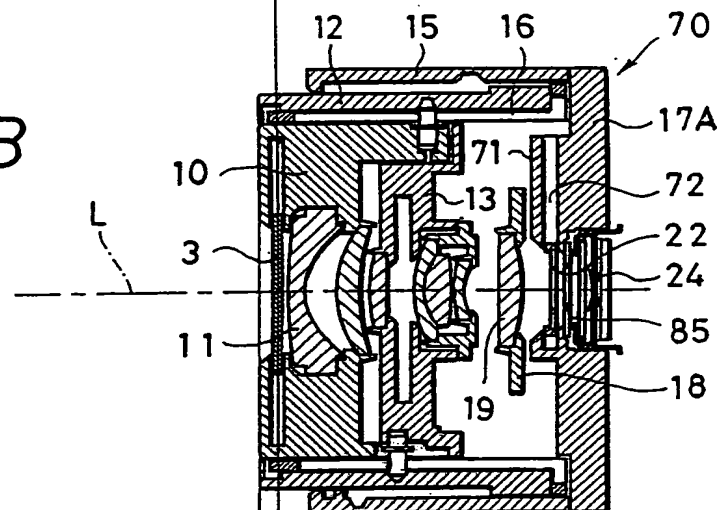


FIG. 4C

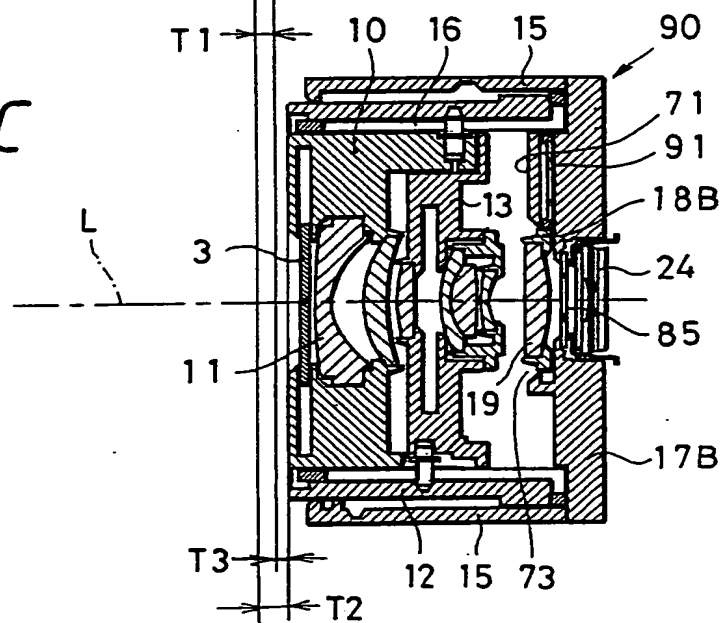


FIG. 7

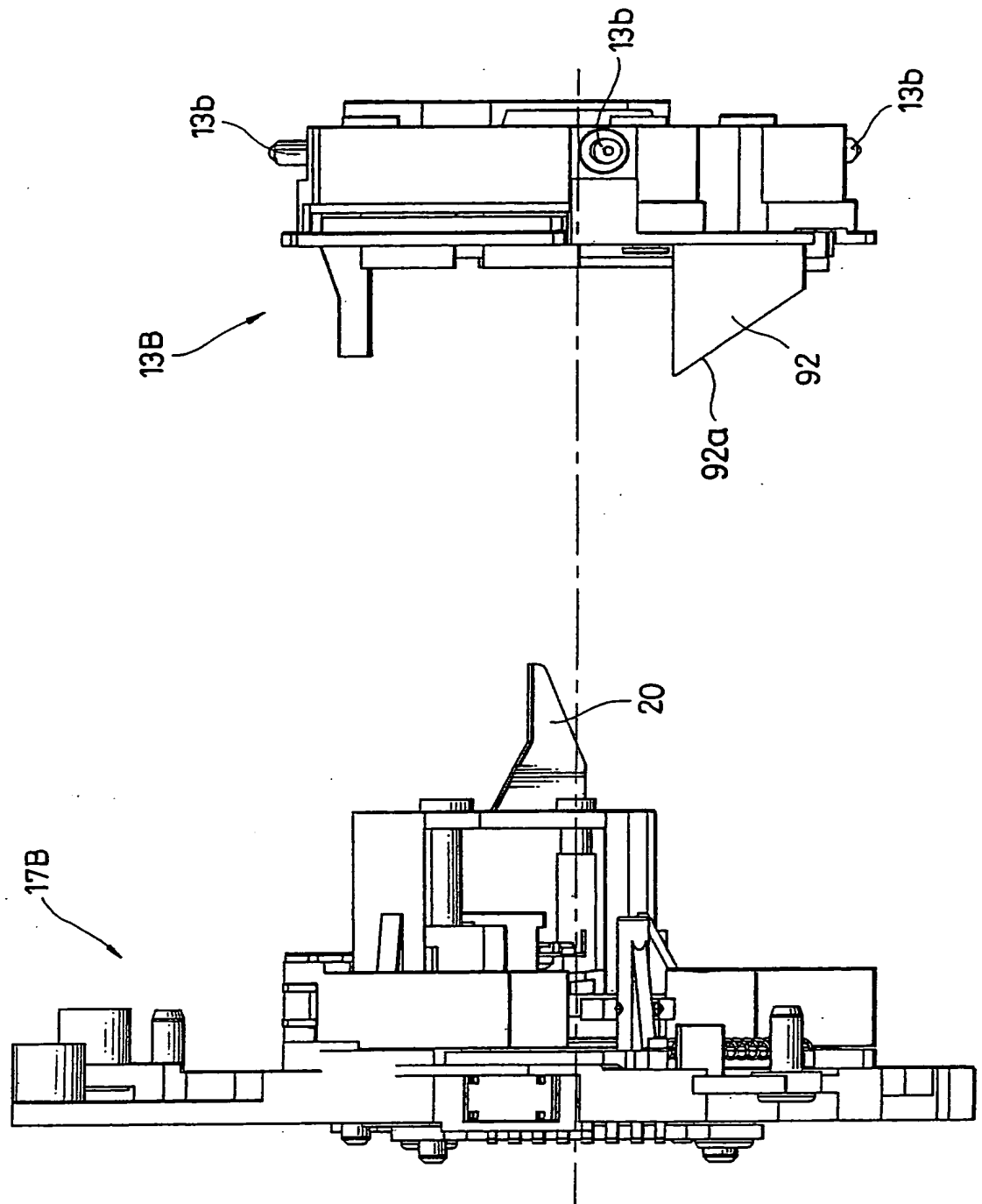


FIG. 8

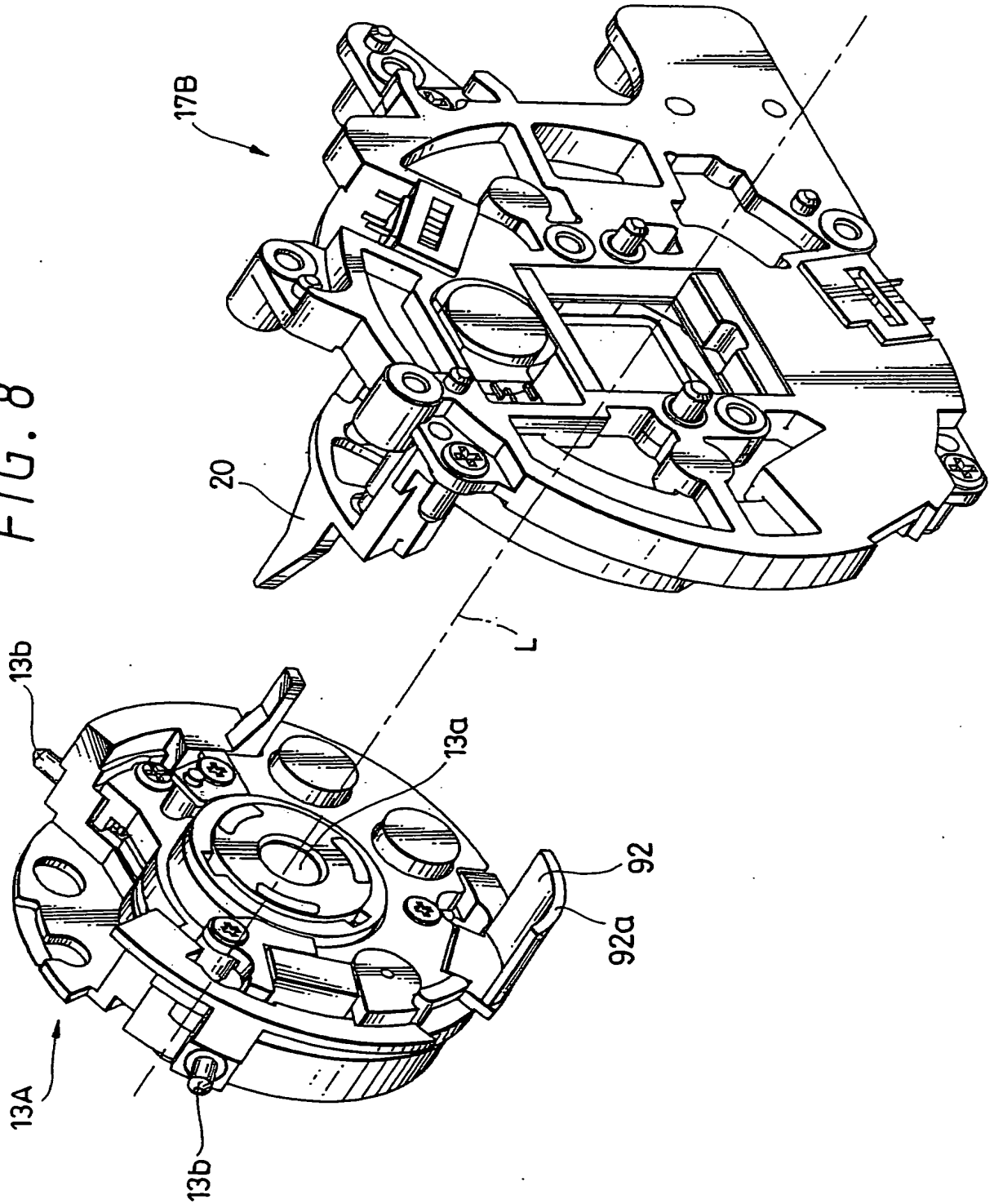


FIG. 9

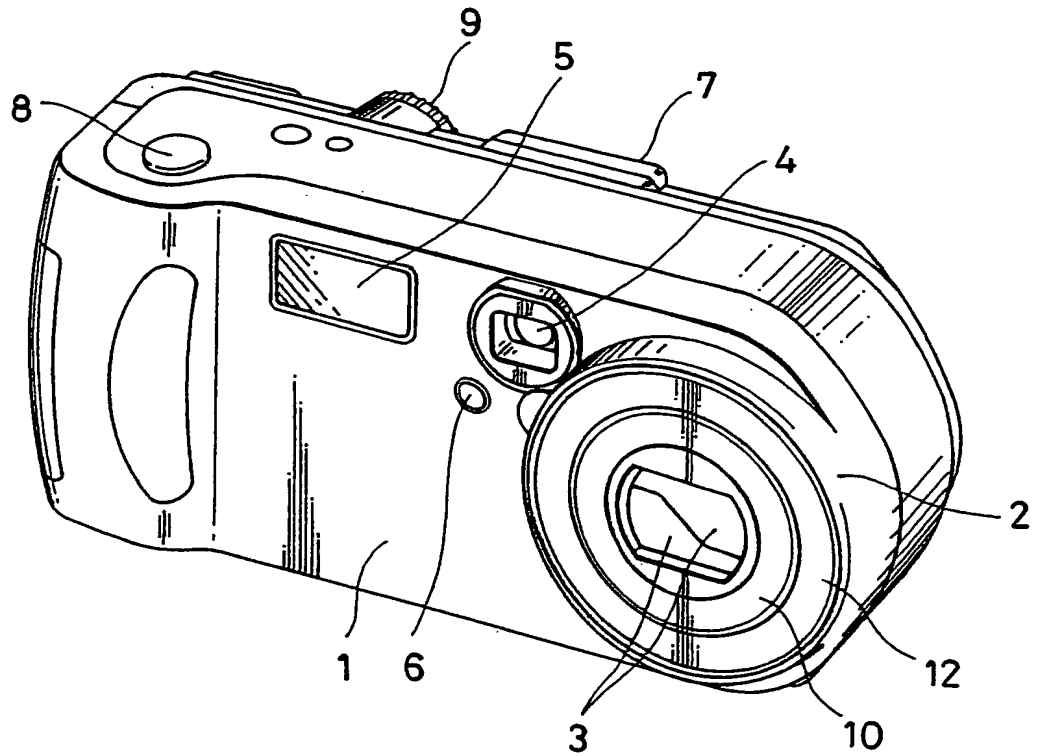


FIG. 10

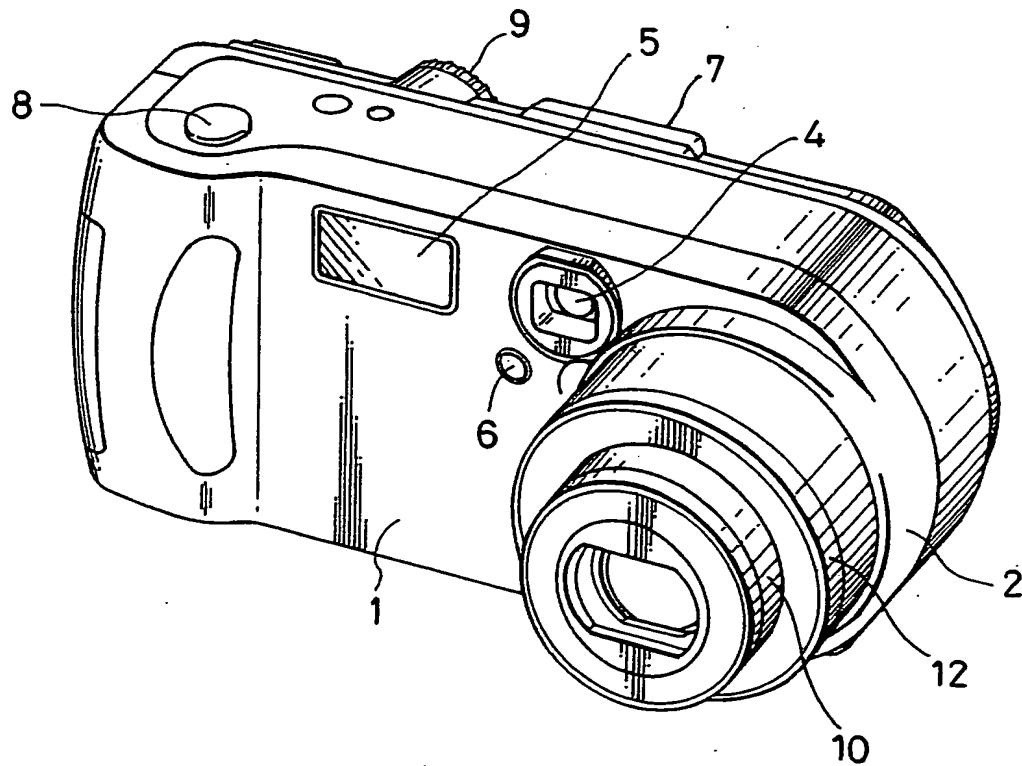


FIG. 11A

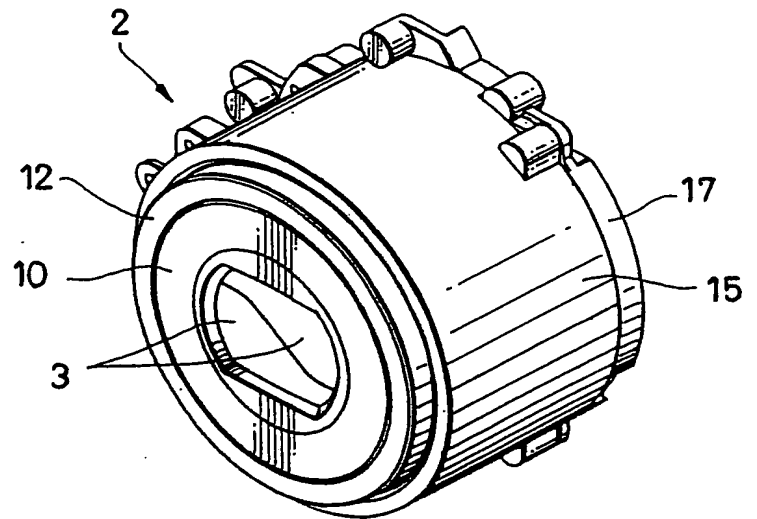


FIG. 11B

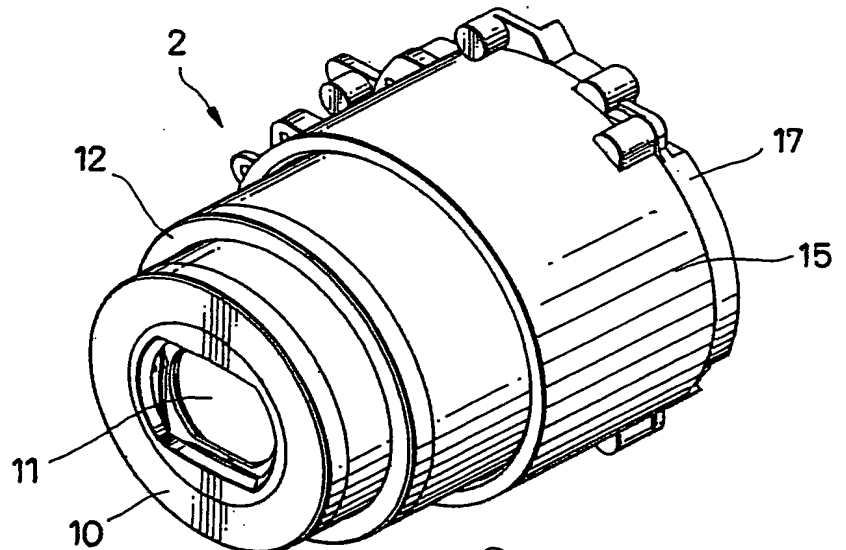


FIG. 11C

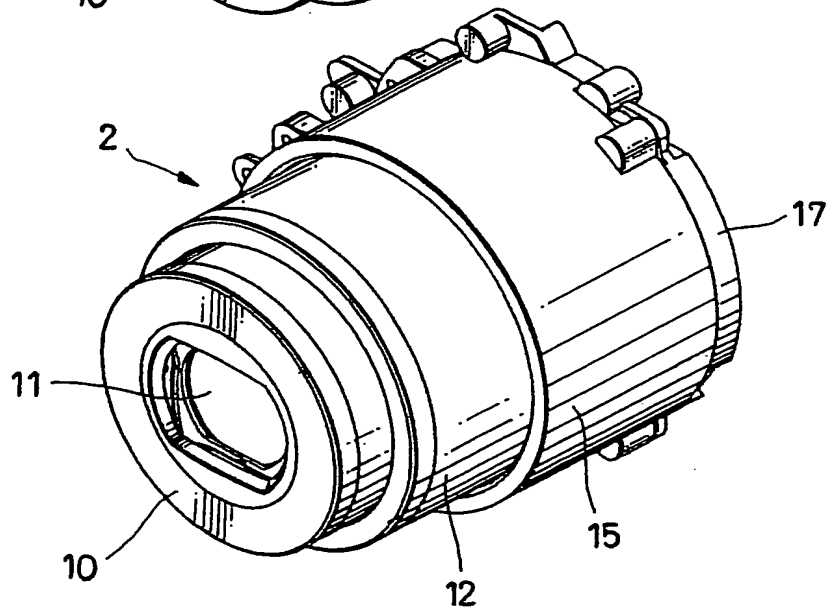


FIG. 12A

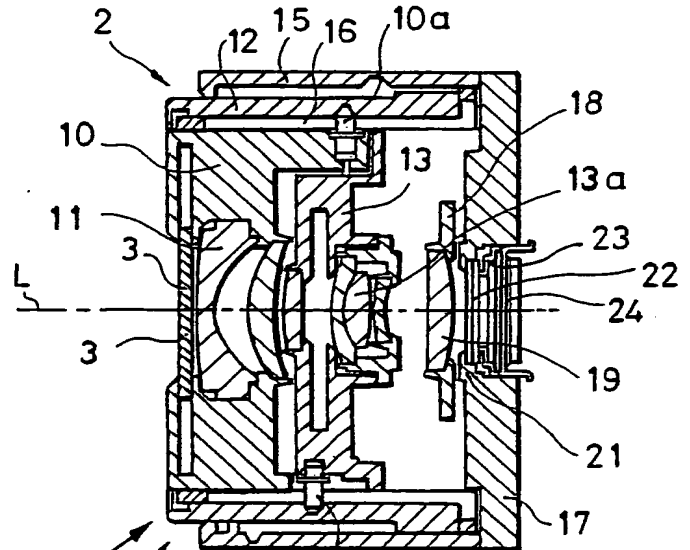


FIG. 12B

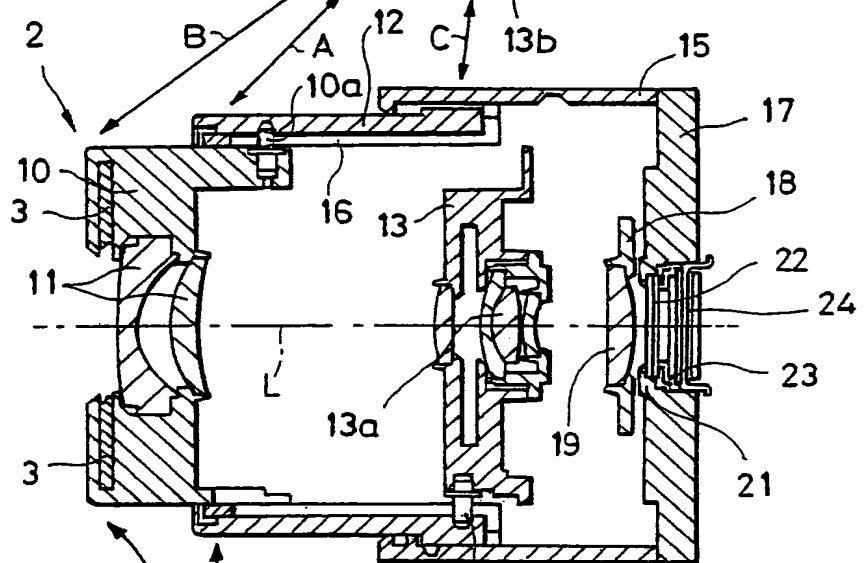
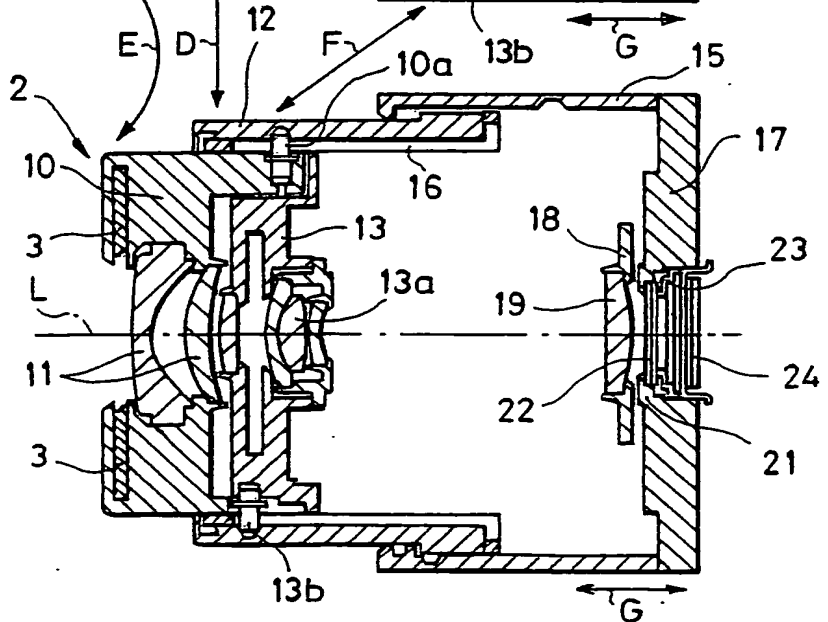


FIG. 12C



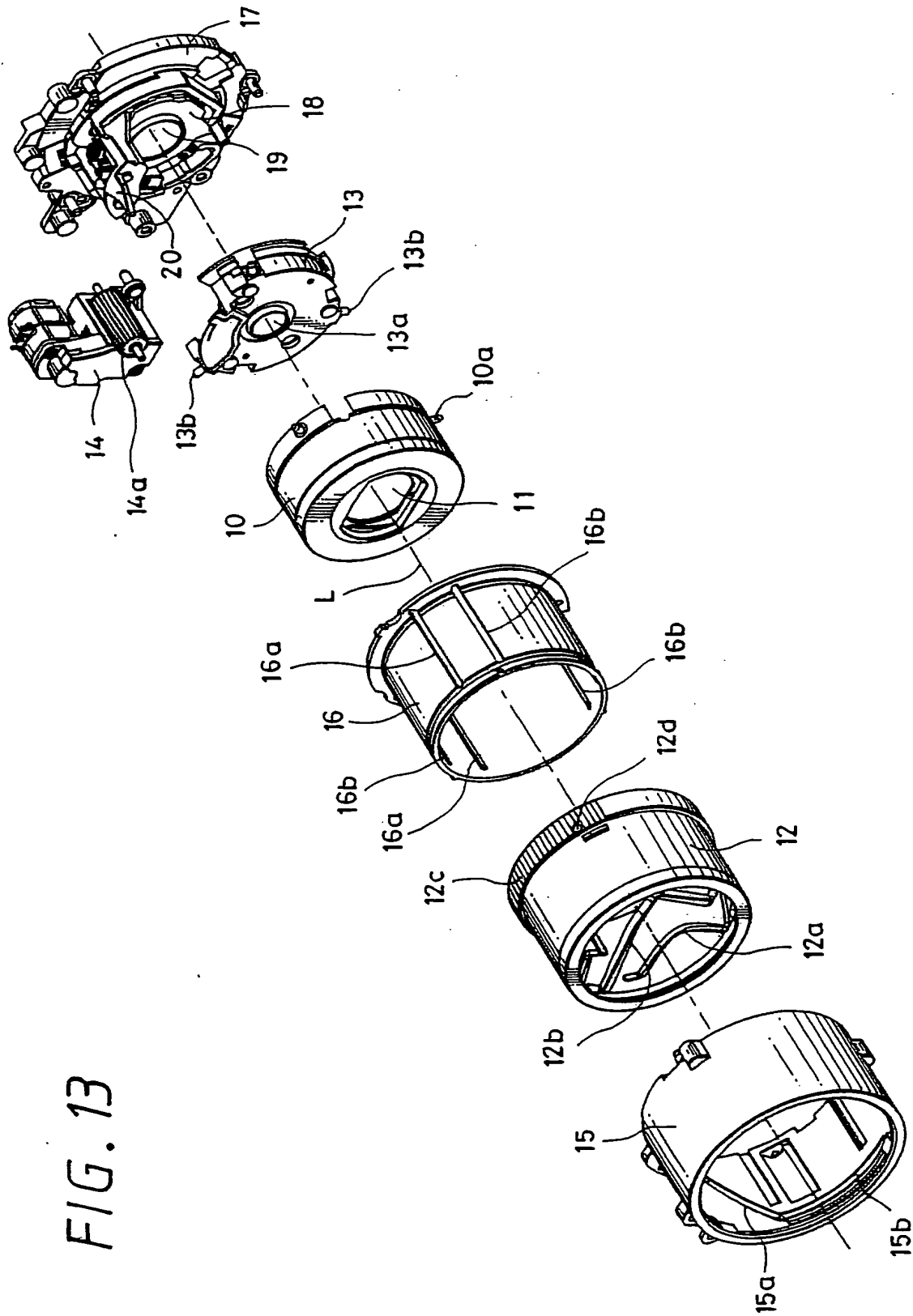


FIG. 14A

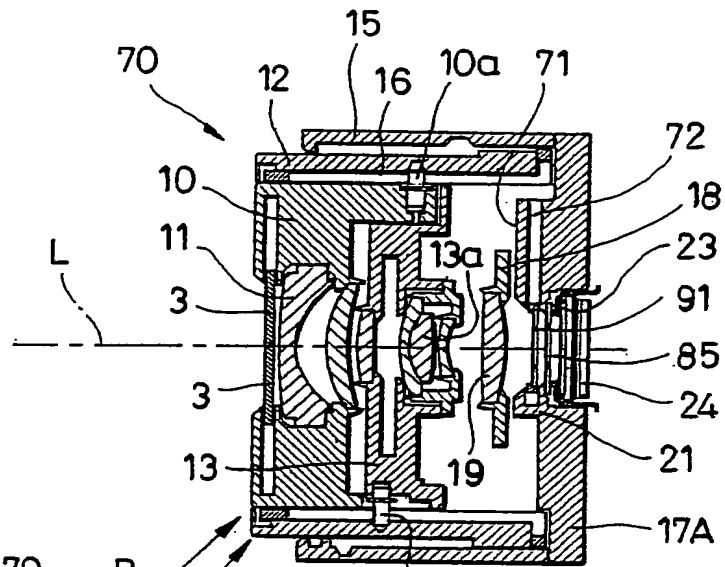


FIG. 14B

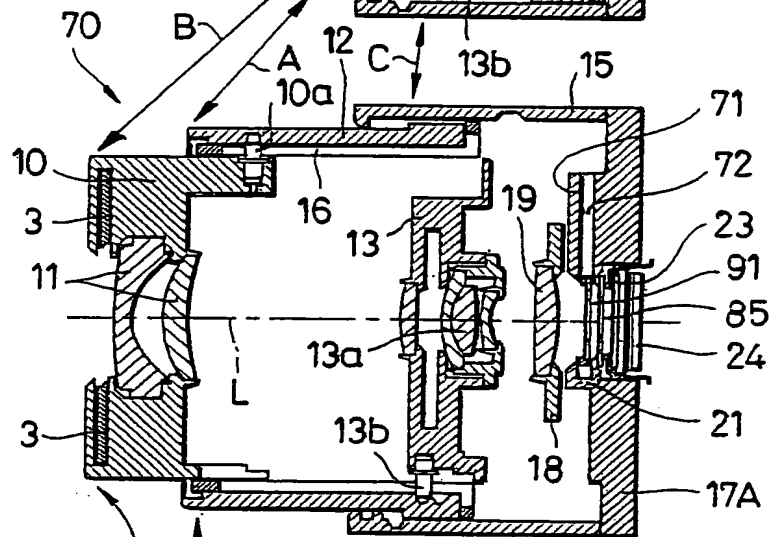


FIG. 14C

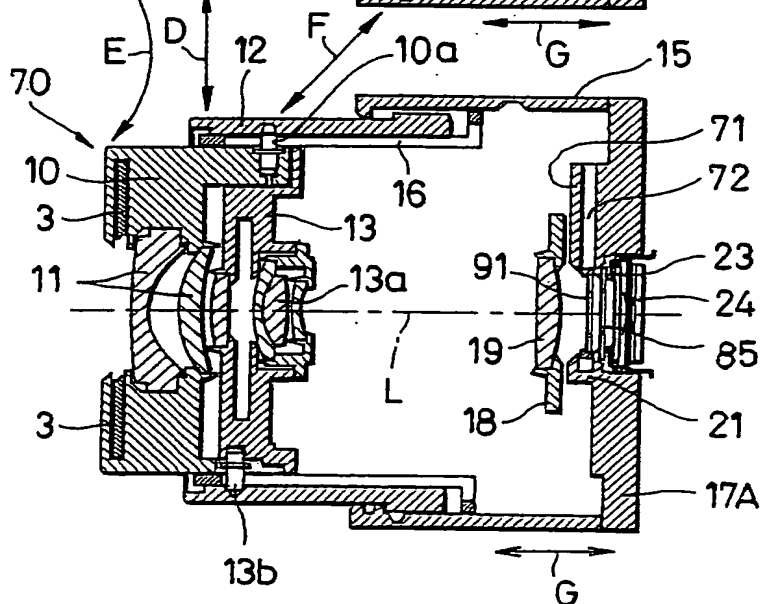


FIG. 15A

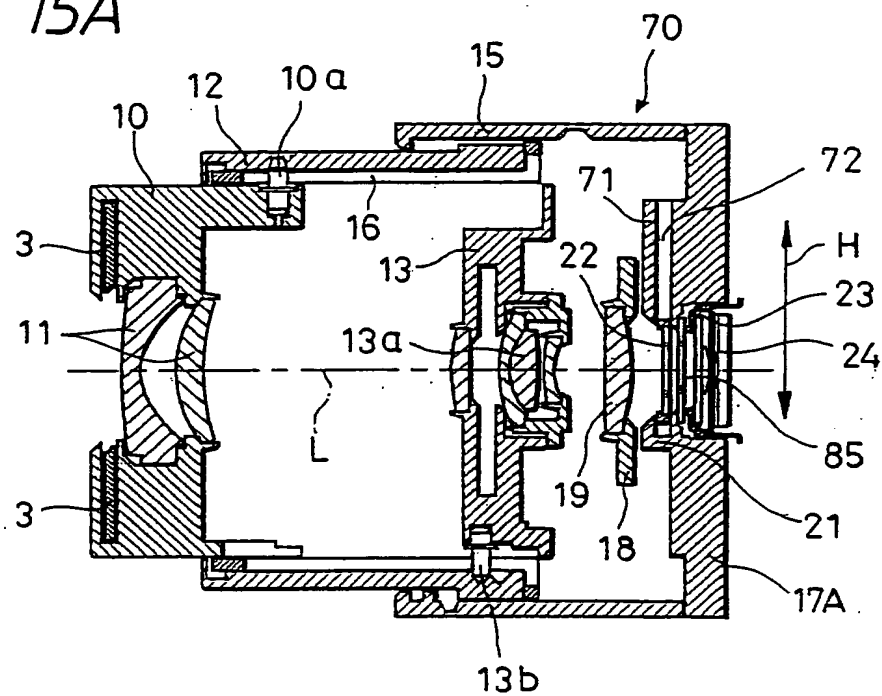


FIG. 15B

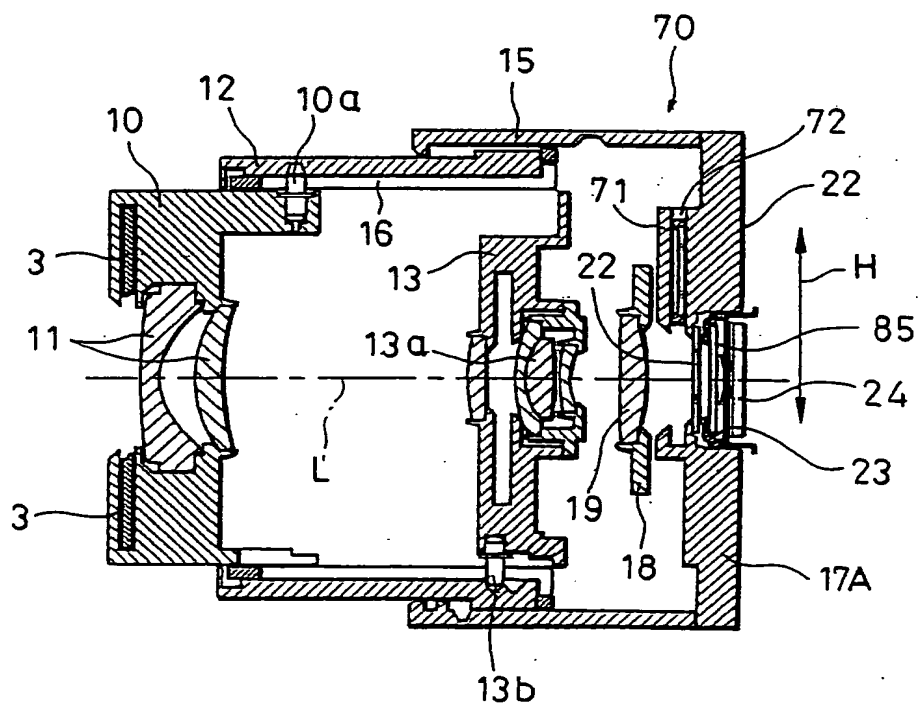
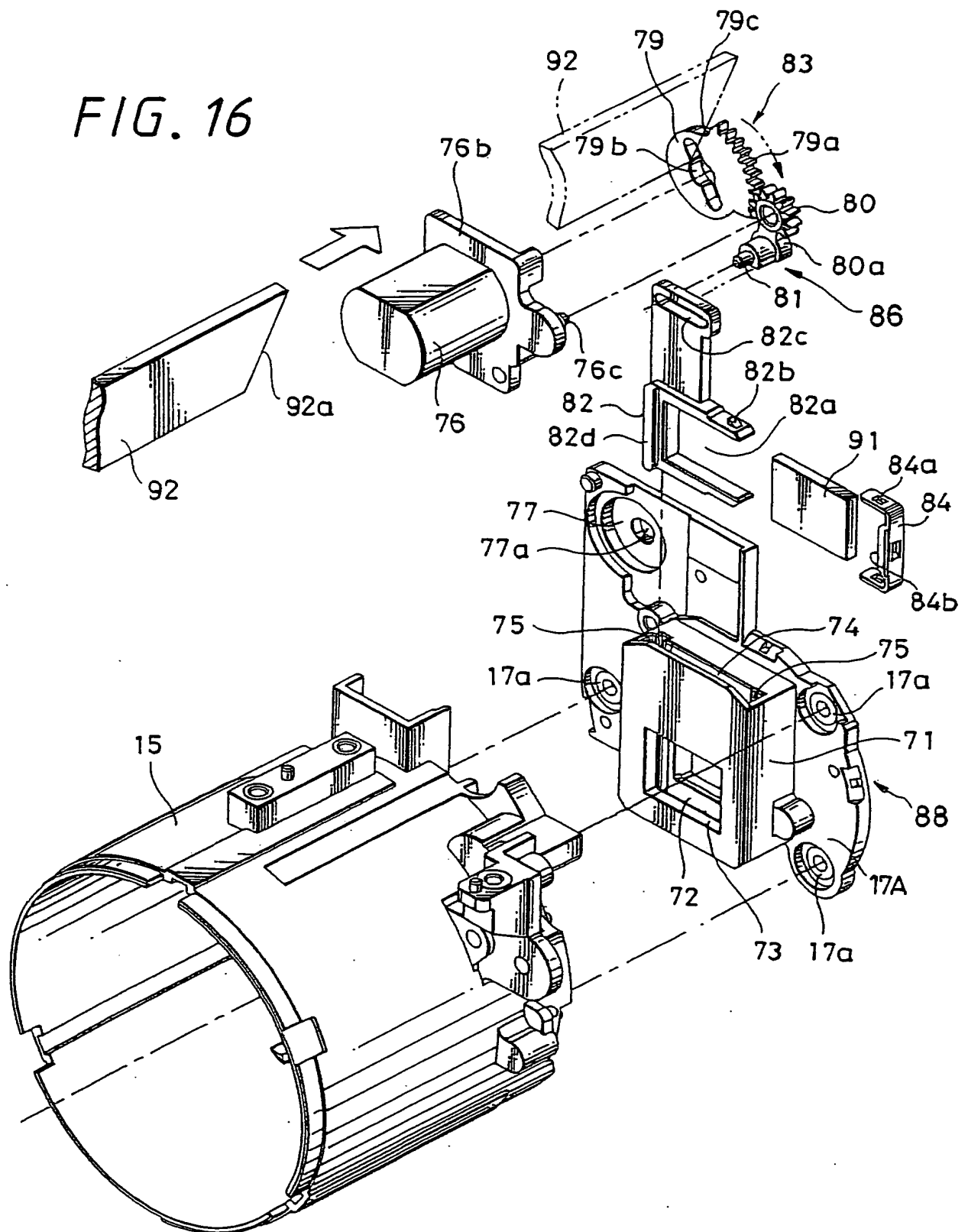
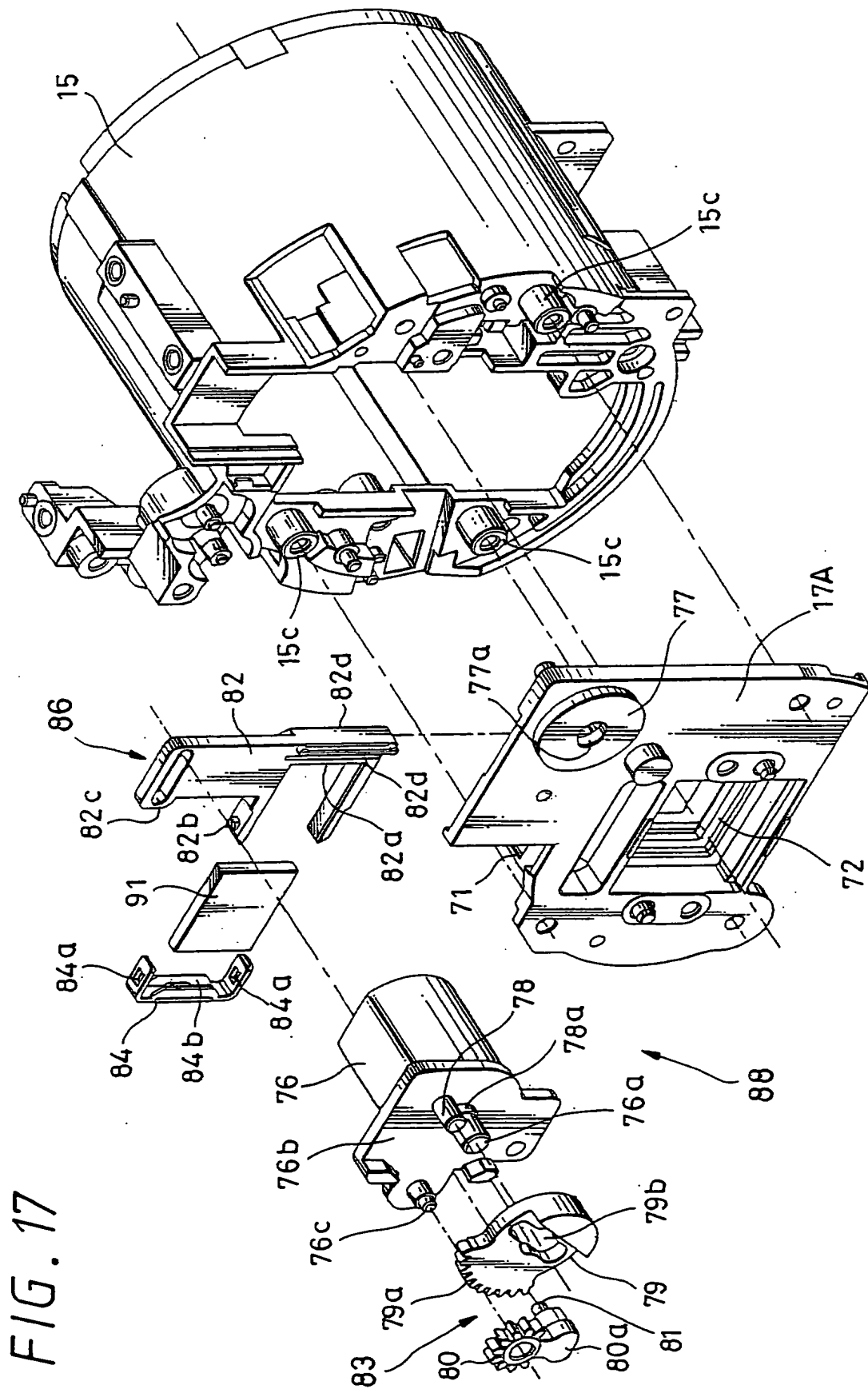


FIG. 16





DESCRIPTION OF REFERENCE NUMERALS

2, 70, 90, 100 ...COLLAPSIBLE LENS (IMAGE-PICKUP LENS PORTION)

10 ... FIRST GROUP LENS FRAME

10a ... CAM PIN

12 ... CAM RING

13, 13B ... SECOND GROUP LENS FRAME

15 ... FIXED RING

16 ... STRAIGHT FORWARD GUIDE RING

17, 17A, 17B ... REAR BARREL

18, 18B ... THIRD GROUP LENS FRAME

22 ... OPTICAL FILTER

24 ... SOLID-STATE IMAGE-PICKUP DEVICE (IMAGE-PICK-UP MEANS)

71 ... CASING

72 ... FILTER-RETRACTING PORTION

73 ... OPENING

74 ... ESCAPE EXIT

75 ... GUIDE PORTION

76 ... POWER SOURCE

82 ... FILTER HOLDER

83 ... POWER TRANSMISSION MECHANISM

85 ... OPTICAL LOW-PASS FILTER (OPTICAL FILTER)

86 ... MOVE MECHANISM

88 ... ESCAPE MECHANISM

91 ... INFRARED CUTOFF FILTER (OPTICAL FILTER)

92 ... PROJECTION (FORCIBLE ESCAPE MECHANISM)

92a ... INCLINED PLANE